






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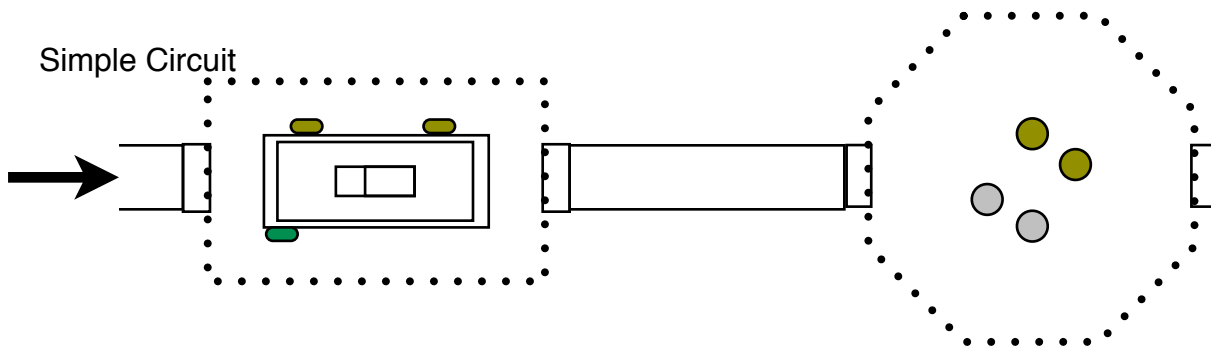
Branched Circuits

Directions: Diagram the branched circuits below keeping the wiring inside the boxes just like you would do when assembling the circuits. Be sure to use the legend below for completing the diagrams. Do not draw in the ground wires.

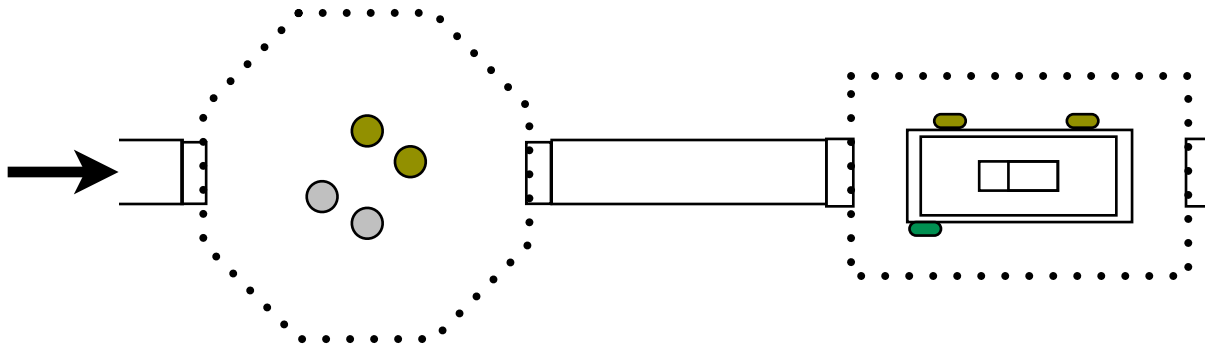
Legend:

- Positive Wire --Black line (use pen or black colored pencil)
- Second Positive Wire --Red line (use pen or red colored pencil)
- Neutral Wire --Grey line (use pencil or gray colored pencil)
- Ground Wire --if you were drawing in the ground (don't need to)
-  Wire Nut or Solder less Connector
-  SPST Switch
-  Light Receptacle
-  Hot Duplex Receptacle
-  Source Wires

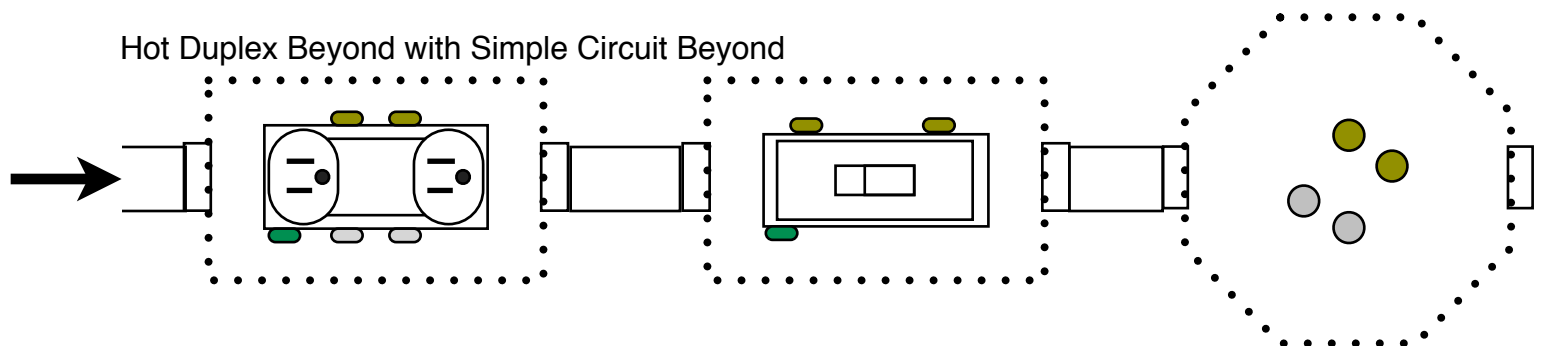
Simple Circuit



Switch Loop Circuit



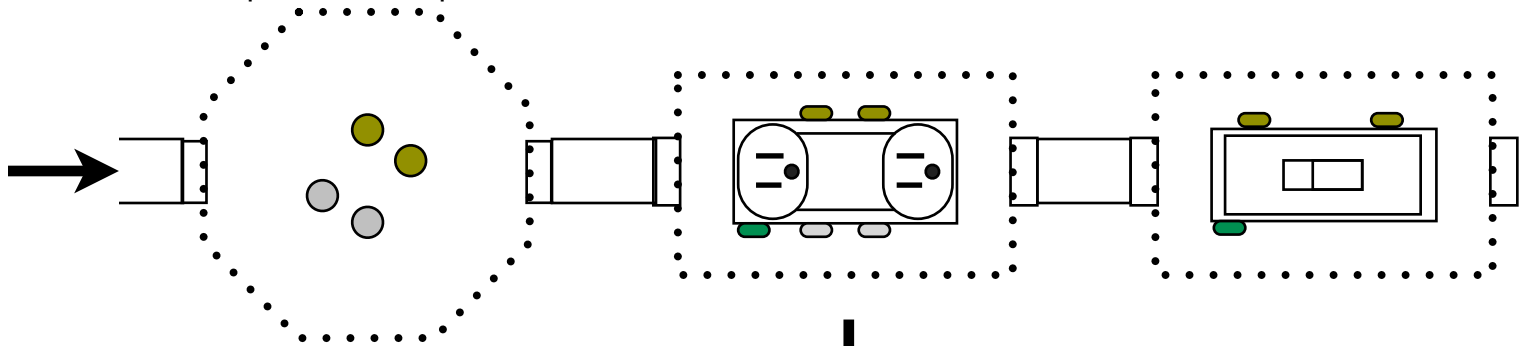
Hot Duplex Beyond with Simple Circuit Beyond



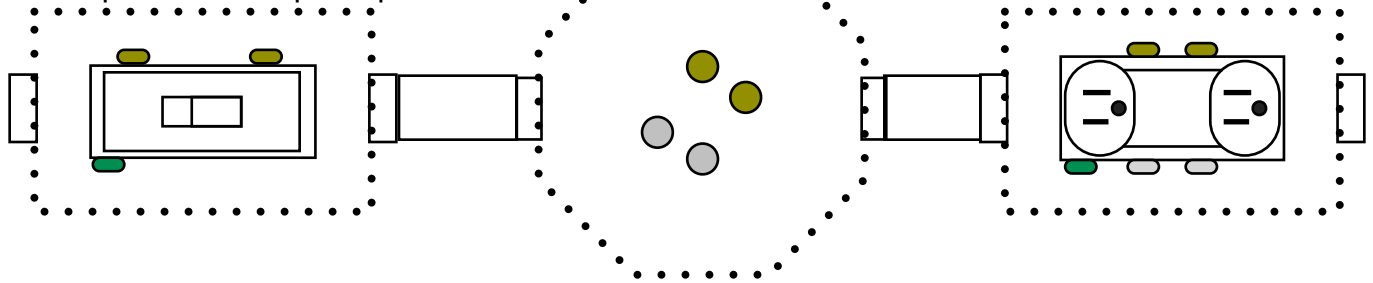
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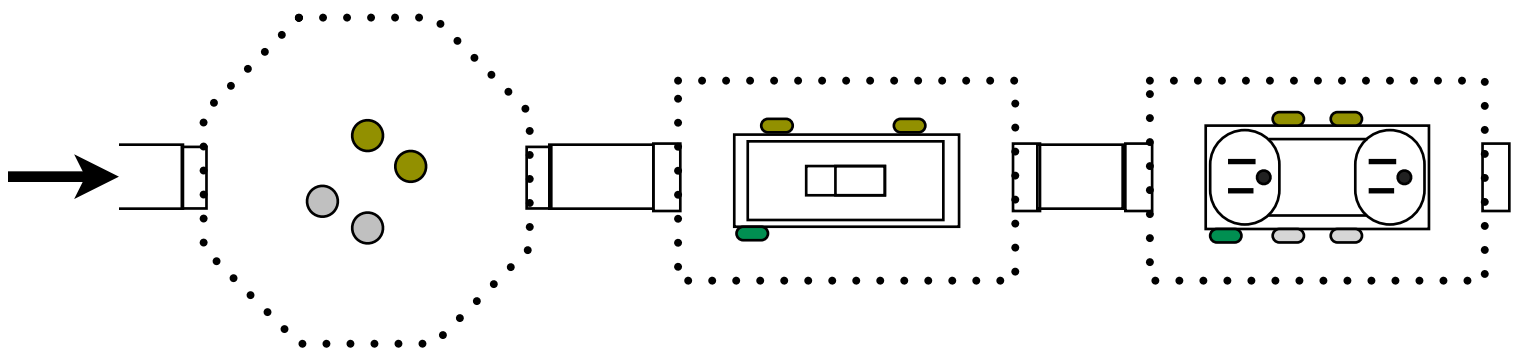
Switch Loop with Hot Duplex between



Switch Loop with Hot Duplex split



Switch Loop with Hot Duplex Beyond



Simple Circuit with Hot Duplex Beyond

